

## Features

- Low Insertion Loss
- High Attenuation
- High Power
- Surface Mount

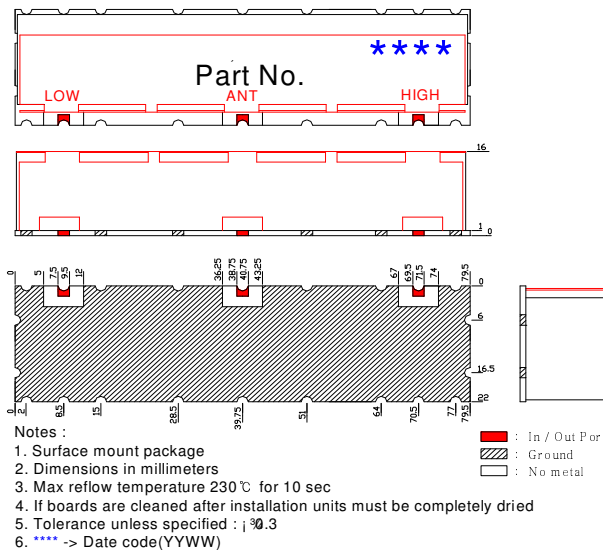
## Descriptions

Surface mount high power ceramic duplexer developed for UHF band applications.

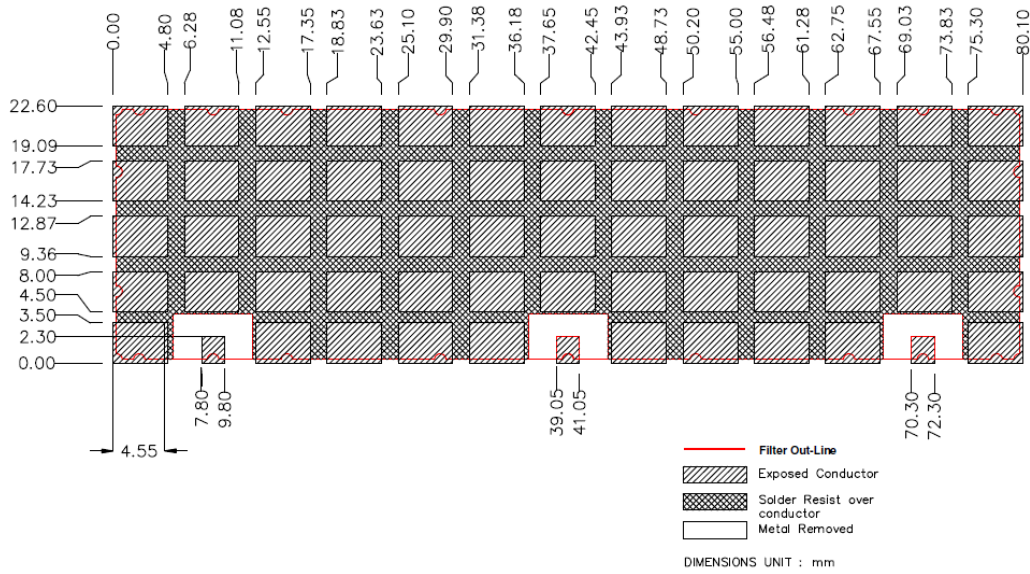
## Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	833	878
Passband Frequency Range	MHz	Fc ± 16 (817~849)	Fc ± 16 (862~894)
Insertion Loss in Passband	dB	2.7 max	2.7 max
Ripple in Passband	dB	1.7 max	1.7 max
Return Loss (VSWR) in Passband	dB	15 min	15 min
Attenuation at Reject Band	dB	30 min @ 777 ~ 787 MHz	60 min @ 817 ~ 849 MHz
		55 min @ 862~ 894 MHz	
Isolation	dB	60 min @ 817 ~ 849 MHz & 55 min @ 862 ~ 894 MHz	
		50 min @ 849~ 862 MHz	
Power Handling	Watt	10 max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-45 ~ +85	
Dimensions	mm	79.5 x 22 x 16 (L x W x H)	
RoHS	-	Yes	

## Mechanical Drawing



## Recommended PCB Layout



## Electrical Response

